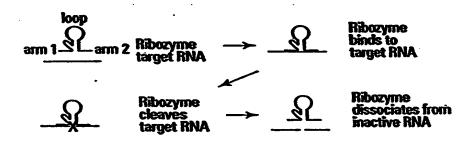
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| Fig. 1

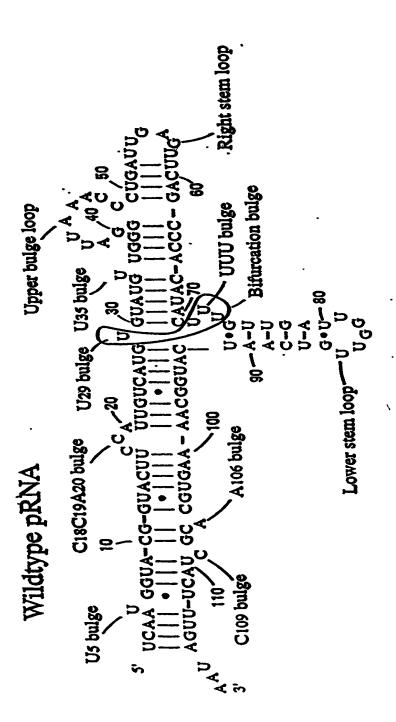


Fig. 2(a)

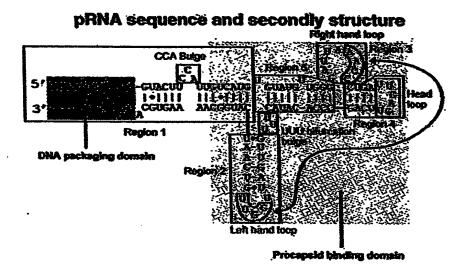


Fig. 2(b)

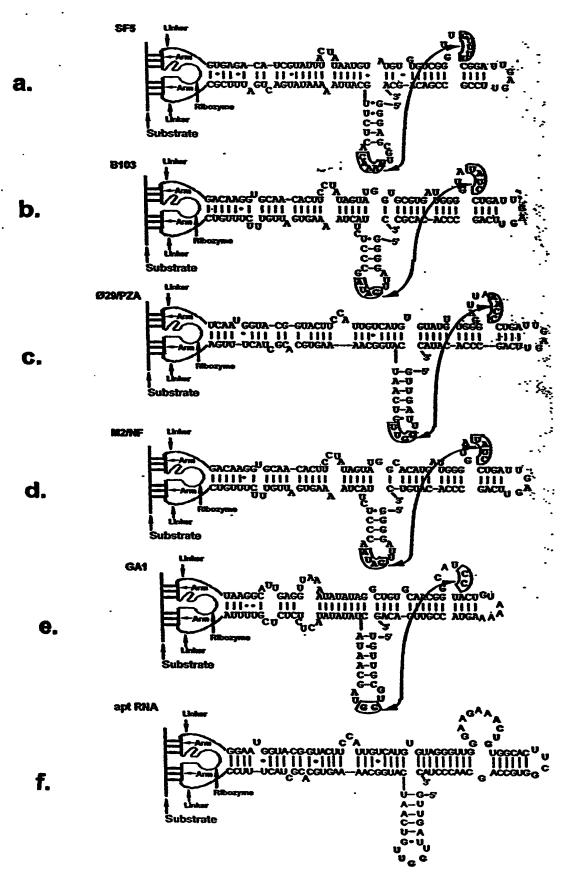
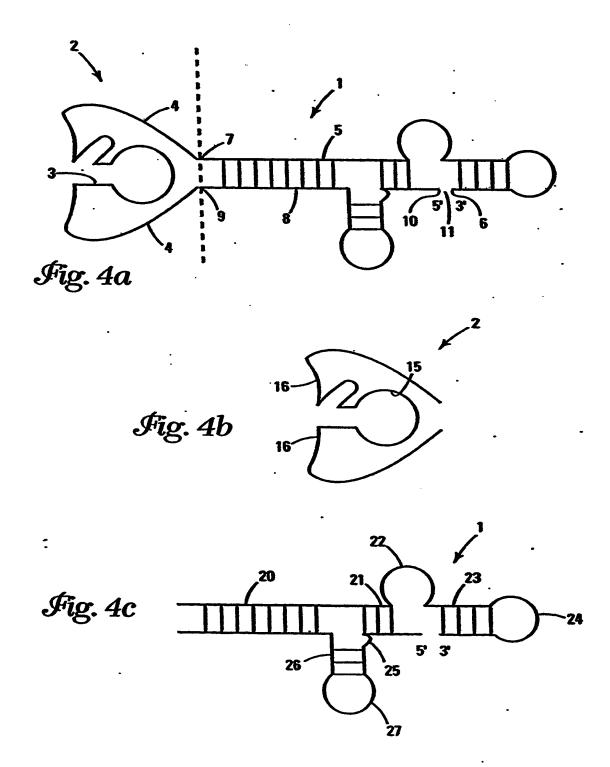
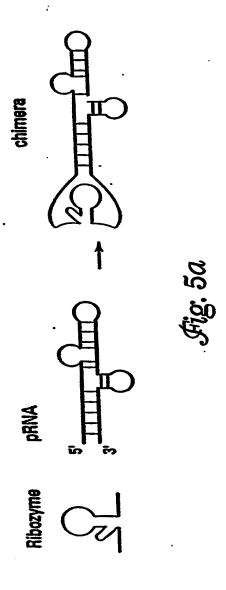


Fig. 3





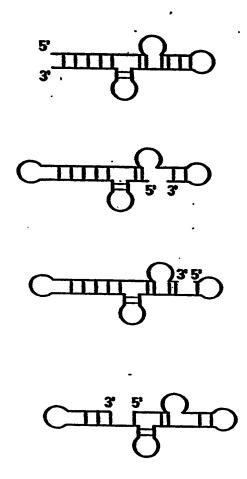
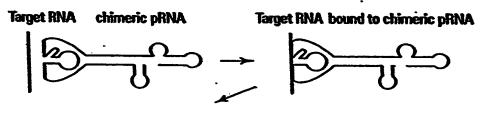


Fig. 5(b)



Target RNA cleaved by chimeric pRNA Inactive RNA dissociates from chimeric pRNA



Chimeric pRNA

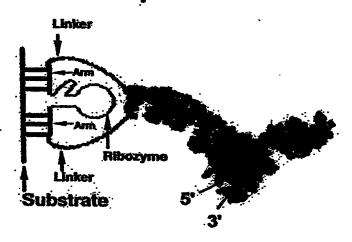
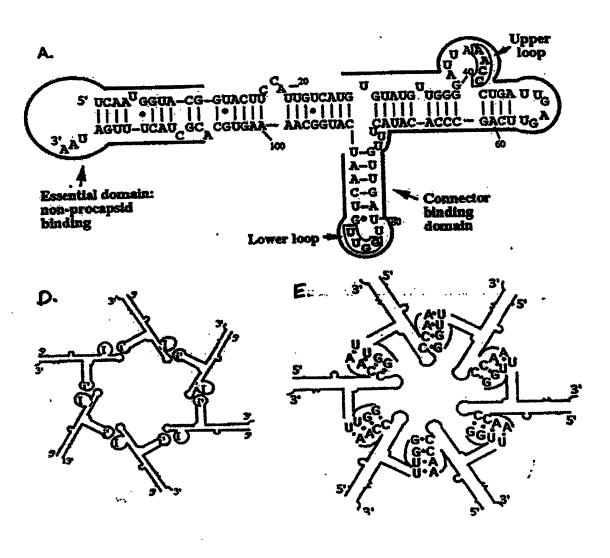
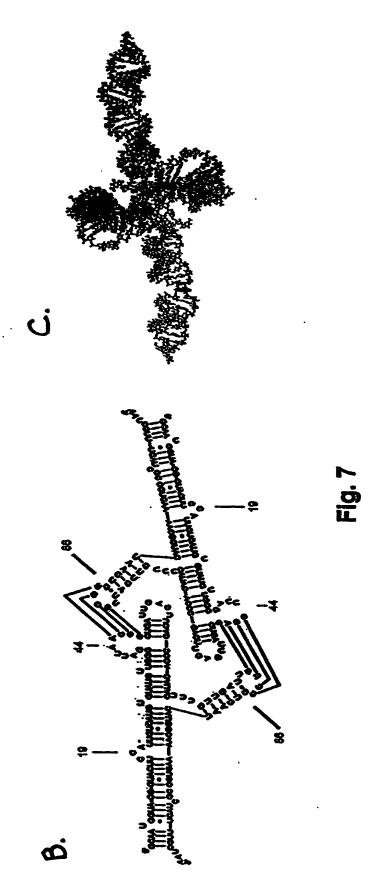
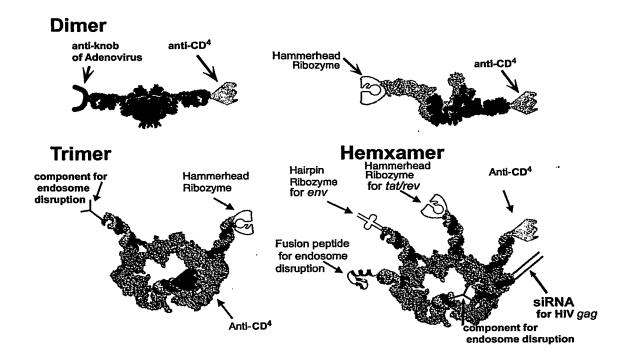
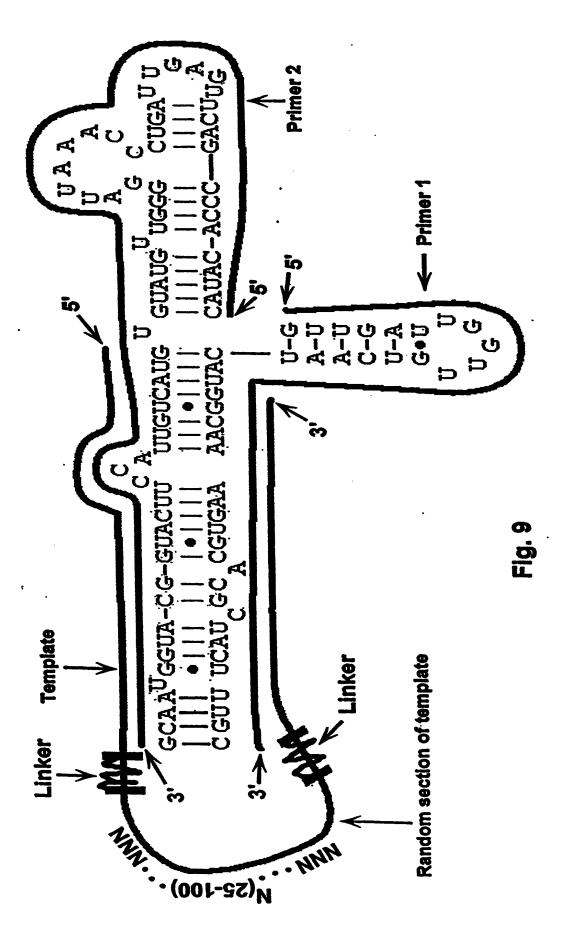


Fig. 6(b)





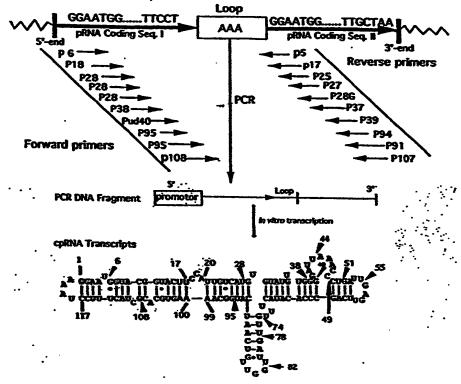




Name of RNA	Activity	Sequence of 3' overhang	3'overha ng base number	Structure
Eco-pRNA	108	AA GCC GAA UU (SEQ ID NO:19)	10 bases	3' overharg 10 bases
XbHi-pRNA	108	AAGCCGAAUUCC AGCACACUGGCG GCCGUUACUAGU GGAUCCGAGCUC GGUACCAAGCU (SEQ ID NO:20)	59 bases	3° overhang 59 bases
174-pRNA	108	CCUUUUACAUGC GACACAGACGAA GCGCUAAAACGU GGGAUUCUGUG UCGUUUU (SEQ ID NO:21)	54 bases	→ → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
Di-RNA	105	UCAAUGGUACGG UACUUCCAUUGU CAUGUGUAUGUU GGGGAUUAAACC CUGAUUGAGUUC AGCCCACAUACU UUGUUGAUUGGU UGUCAAUCAUGG CAAAAGUGCACG CUACUUUGAUAA (SEQ ID NO:22)		3' overhang 120 bases

Fig. 10

a. Small loop inserted



b. Large loop inserted

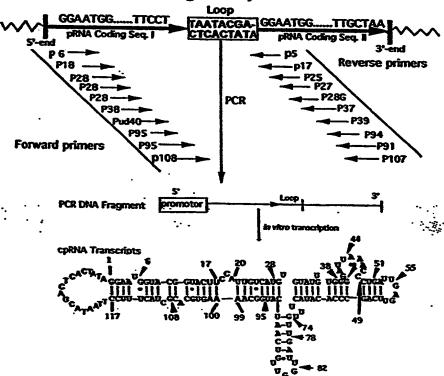
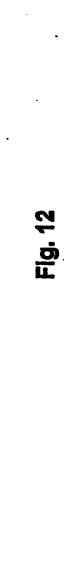


Fig. 11



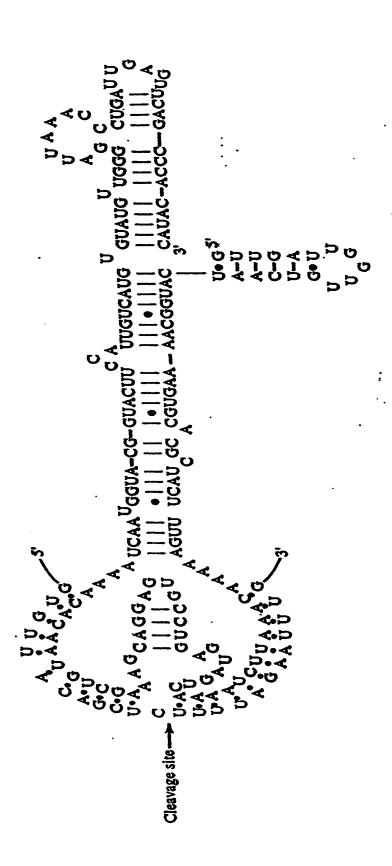
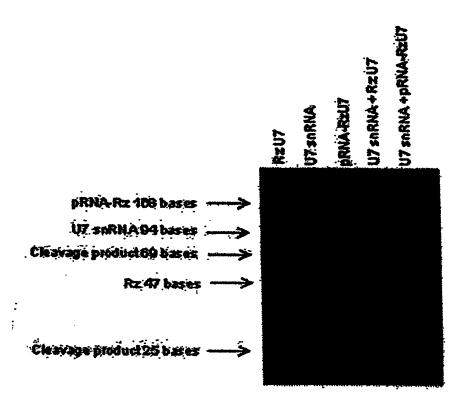




Fig. 13(a)



; Fig. 13(b)

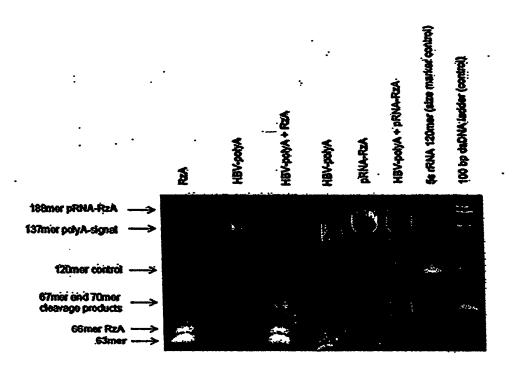
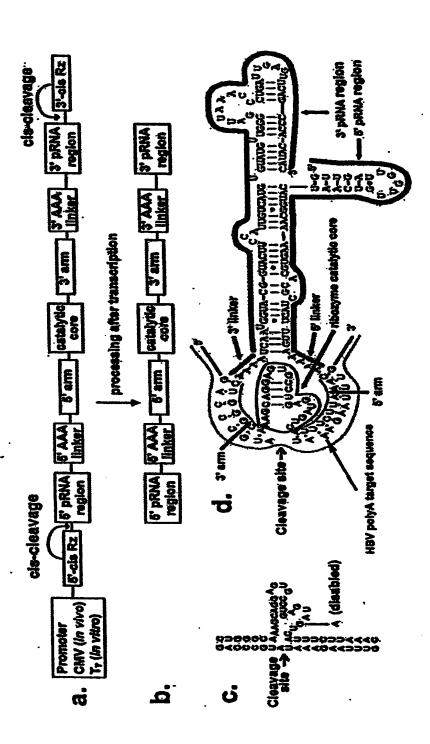


Fig. 14





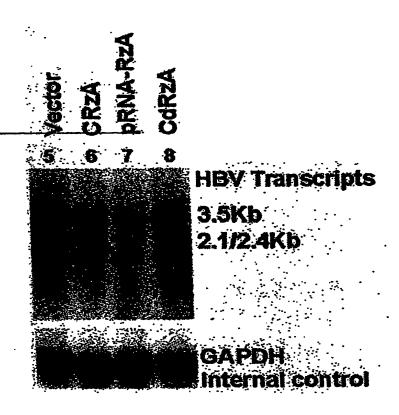
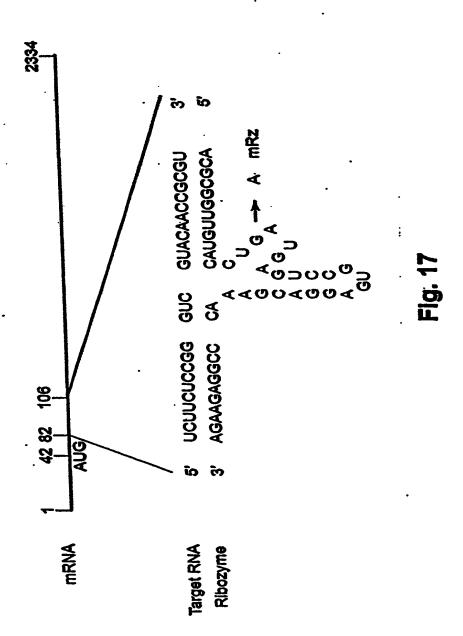
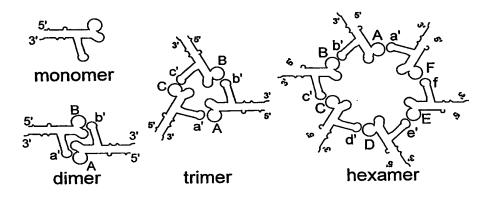


Fig. 16







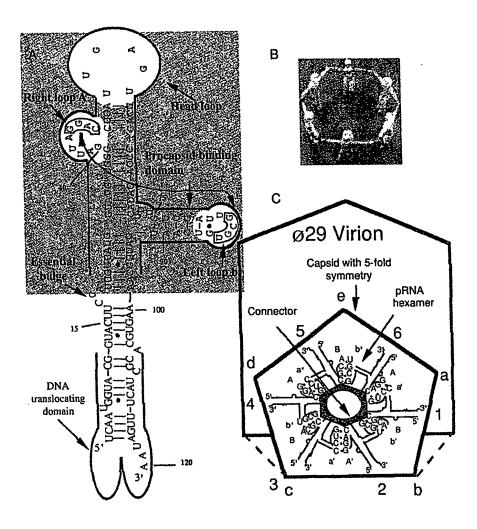


Table A Two Interlocking pRNAs

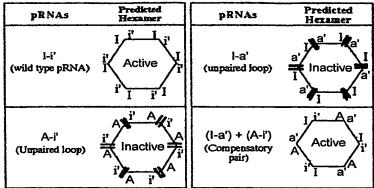


Table B Three Interlocking pRNAs

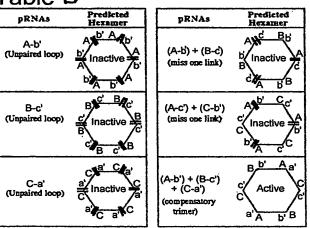
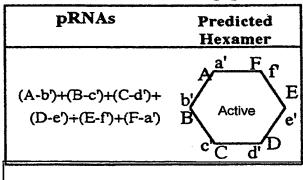
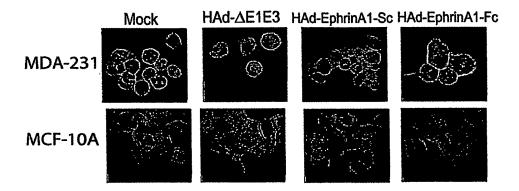


Table C Six Interlocking pRNAs





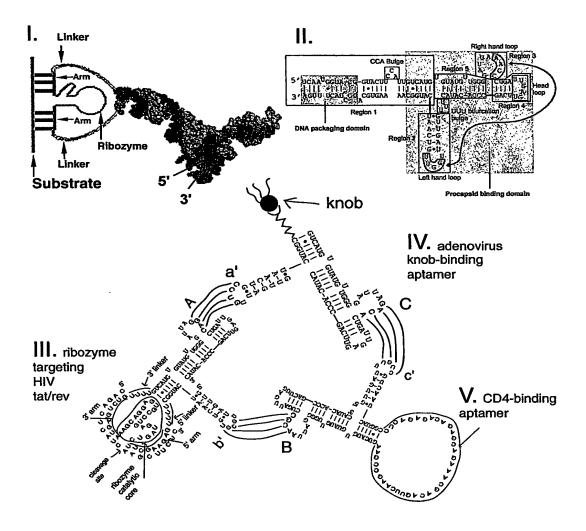


Fig. 22



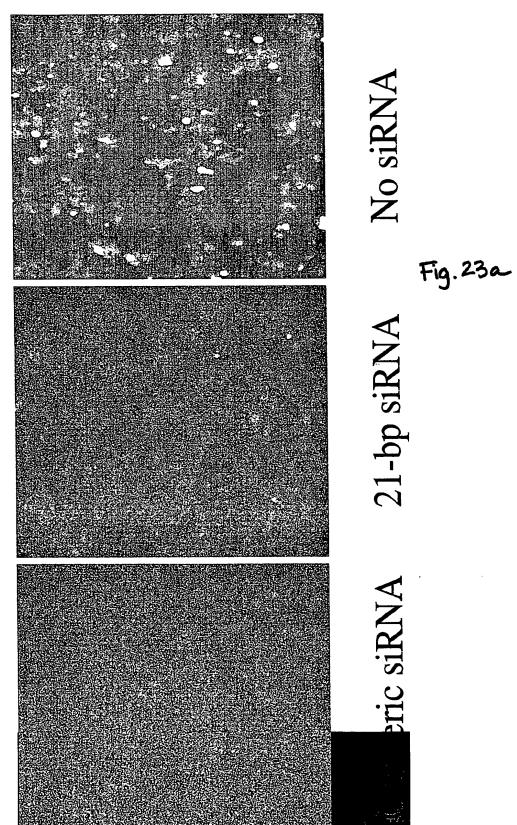
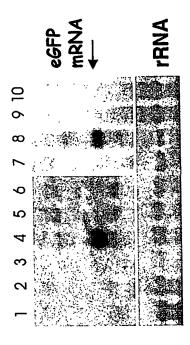


Fig. 23b





Survivin Ribozyme

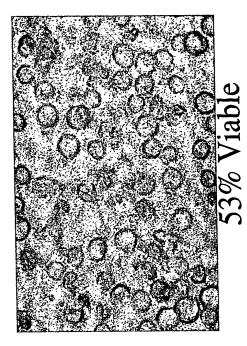


Fig. 24



